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**NLSY79 ATTACHMENT 8:**  
**HEALTH CODES**

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## GENERAL INFORMATION ON HEALTH CODES

The health section of the NLS survey elicits health problems that limit the amount or kind of work the respondent can do. Those health problems are coded using a modified version of the International Classification of Diseases (ICD-9) codes taken from the World Health Organization, *International Classification of Diseases*, Ninth Revision, 2 vols., WHO, Geneva, 1977 (vol. 1) and 1978 (vol. 2).

The health consolidation code represents the most complete description possible of the respondent's main cause of limitation in work gathered from a reading of the whole health section. It is coded using the modified ICD-9 codes after the rest of the health section has been coded. The health consolidation code, thus, represents the current (proximal) description of the respondent's main cause of limitation in work, and not an underlying cause (remote) preceding the current complaint.

The NLS health codes correspond to the ICD-9 codes with the decimal point deleted, except for the supplemental V, E, and M ICD-9 codes. The supplemental ICD-9 codes were modified by dropping the alpha code and adding the remaining numeric portion of the supplemental codes to a 5-digit number. The following is the numeric conversion for the supplemental codes: V codes = 10000+, E codes = 11000+, and M codes = 12000+. (Zero (0) means no health problem). The changes were necessary because alphas are not used as variable values in the NLS data.

A consolidated list of the modified ICD-9 and the supplemental codes and the medical terms associated with them is attached. For more detail, see the *International Classification of Diseases*, Ninth Revision. Also included is a list of numeric codes for the body parts that are affected by health problems; these codes were developed by NORC for the 1979-1981 health sections.

## CODES FOR PARTS OF BODY IN HEALTH SECTION

01	Brain, CNS, spinal cord	41	Rectum
02	Peripheral nervous system	42	Anus
03	Emotions, "nerves"	43	Lower digestive tract
04	Heart	44	Digestive system
05	Blood, spleen	45	Kidneys
06	Vascular system	46	Bladder
07	Lymphatic system, lymph glands	47	Prostate
08	Pituitary gland	48	Other genitourinary tract; urethra; ureter
09	Thyroid gland	49	Penis
10	Adrenal gland	50	Other male reproductive system; scrotum; vas deferens; testes
11	Other endocrine glands; endocrine system; pineal gland; parathyroid gland; thymus	51	Breast, nipple
12	Eye	52	Vulva, clitoris
13	Vision	53	Vagina, cervix, uterus
14	Lacrimal gland and duct	54	Other female reproductive system; fallopian tubes; ovaries
15	Eyelid	55	Menstruation
16	Ear (inner and outer)	56	Skin
17	Hearing	57	Hair
18	Nose	58	Scalp
19	Smell	59	Nails
20	Tonsils and adenoids	60	Head, skull
21	Sinus	61	Face, forehead, lips
22	Vocal cords, larynx	62	Jaw
23	Speech	63	Chin
24	Throat, pharynx	64	Neck, cervical vertebrae
25	Lung, trachea and bronchi	65	Back, dorsal spine
26	Breathing	66	Low back, lumbar spine
27	Mouth and tongue	67	Trunk
28	Gums	68	Chest
29	Teeth	69	Chest wall, external chest; axilla
30	Esophagus	70	Collarbone
31	Stomach	71	Ribs
32	Upper digestive tract	72	Side, flank
33	Liver	73	Shoulder
34	Biliary tract	74	Arm
35	Gallbladder	75	Upper arm
36	Pancreas	76	Elbow
37	Abdomen	77	Lower arm
38	Upper abdomen	78	Wrist
39	Lower abdomen	79	Hand (palm)
40	Intestine and colon		

81	Fingers	91	Foot
82	Pelvis	92	Toes
83	Groin	93	Muscles, tendons, ligaments NOS *
84	Buttocks	94	Bone(s) NOS
85	Hip		
86	Leg	95	Joints NOS
87	Upper leg, thigh	96	“Entire body”
88	Knee, kneecap	80	Other NOS
89	Lower leg		
90	Ankle		

**NOTE:** NOS stands for not otherwise specified

### MODIFIED ICD-9 CODES

0010	-	0099	Intestinal infectious diseases
0100	-	0189	Tuberculosis
0200	-	0279	Zoonotic bacterial diseases
0300	-	0419	Other bacterial diseases
0450	-	0499	Poliomyelitis and other non-arthropod-borne viral diseases of central nervous system
0500	-	0579	Viral diseases accompanied by exanthem
0600	-	0669	Arthropod-borne viral diseases
0700	-	0799	Other diseases due to viruses and Chlamydiae
0800	-	0889	Rickettsioses and other arthropod-borne diseases
0900	-	0999	Syphilis and other venereal diseases
1000	-	1049	Other spirochaetal diseases
1100	-	1189	Mycoses
1200	-	1299	Helminthiasis
1300	-	1369	Other infectious and parasitic diseases
1370	-	1399	Late effects of infectious and parasitic diseases
1400	-	2089	Malignant neoplasms
2100	-	2299	Benign neoplasms
2300	-	2349	Carcinoma in situ
2350	-	2399	Neoplasms of uncertain behaviour or of unspecified nature
2400	-	2799	Endocrine, nutritional and metabolic diseases and immunity disorders
2800	-	2899	Diseases of blood and blood-forming organs
2900	-	3169	Mental disorders, except mental retardation
3170	-	3199	Mental retardation
3200	-	3499	Diseases and disorders of the nervous system
3500	-	3599	Diseases of peripheral nervous system
3600	-	3799	Disorders of the eye and adnexa
3800	-	3899	Diseases of ear and mastoid process
3900	-	4599	Diseases of circulatory system
4600	-	5199	Diseases of the respiratory system
5200	-	5799	Diseases of the digestive system

5800	-	6299	Diseases of genitourinary system
6300	-	6769	Complications of pregnancy, childbirth and the puerperium
6800	-	7099	Diseases of the skin and subcutaneous tissue
7100	-	7399	Diseases of the musculoskeletal system and connective tissue
7400	-	7599	Congenital anomalies
7600	-	7799	Certain conditions originating in the perinatal period
7800	-	7999	Symptoms, signs and ill-defined conditions
8000	-	8299	Fracture of skull, spine, trunk, and limbs
8300	-	8399	Dislocation without fracture
8400	-	8489	Sprains and strains of joints and adjacent muscles
8500	-	8549	Intracranial injury, excluding those with skull fracture
8600	-	8699	Internal injury of chest, abdomen and pelvis
8700	-	8979	Open wound of head, neck, trunk, and limbs
9000	-	9049	Injury to blood vessels
9050	-	9099	Late effects of injuries, poisoning, toxic effects and other external causes
9100	-	9249	Superficial injury and contusion with intact skin surface
9250	-	9299	Crushing injury
9300	-	9399	Effects of foreign body entering through orifice
9400	-	9499	Burns
9500	-	9579	Injury to nerves and spinal cord
9580	-	9599	Certain traumatic complications and unspecified injuries
9600	-	9799	Poisoning by drugs, medicaments and biological substances
9800	-	9899	Toxic effects of substances chiefly nonmedicinal as to source
9900	-	9959	Other and unspecified effects of external causes
9960	-	9999	Complications of surgical and medical care not elsewhere classified

## MODIFIED V CODES

### Supplementary Classification of Factors Influencing Health Status and Contact with Health Services

10010	-	10079	Persons with potential health hazards related to communicable diseases
10100	-	10199	Persons with potential health hazards related to personal and family history
10200	-	10289	Persons encountering health services in circumstances related to reproduction and development
10300	-	10399	Healthy liveborn infants according to birth type
10400	-	10499	Persons with a condition influencing their health status
10500	-	10599	Persons encountering health services for specific procedures and aftercare
10600	-	10689	Persons encountering health services in other circumstances
10700	-	10829	Persons without reported diagnosis encountered during examination and investigation of individuals and populations

## MODIFIED E CODES

### Supplementary Classification of External Causes of Injury and Poisoning

11800	-	11807	Railway accidents
11810	-	11819	Motor vehicle traffic accidents
11820	-	11825	Motor vehicle nontraffic accidents
11826	-	11829	Other road vehicle accidents
11830	-	11838	Water transport accidents
11840	-	11845	Air and space transport accidents
11846	-	11848	Vehicle accidents not elsewhere classifiable
11850	-	11858	Accidental poisoning by drugs, medicaments and biologicals
11860	-	11869	Accidental poisoning by other solid and liquid substances, gases and vapours
11870	-	11876	Misadventures to patients during surgical and medical care
11878	-	11879	Surgical and medical procedures as the cause of abnormal reaction of patient or later complication
11880	-	11888	Accidental falls
11890	-	11899	Accidents caused by fire and flames
11900	-	11909	Accidents due to natural and environmental factors
11910	-	11915	Accidents caused by submersion, suffocation and foreign bodies
11916	-	11929	Other accidents and late effects of accidental injury
11930	-	11949	Drugs, medicaments and biological substances causing adverse effects in therapeutic use
11950	-	11959	Suicide and self-inflicted injury
11960	-	11969	Homicide and injury purposely inflicted by other persons
11970	-	11978	Legal intervention
11980	-	11989	Injury undetermined whether accidentally or purposely inflicted
11990	-	11999	Injury resulting from operations of war

## MODIFIED M CODES

### Coded Nomenclature for Morphology of Neoplasms

12800	-	12804	Neoplasms NOS* and epithelial neoplasms NOS
12805	-	12808	Papillary and squamous cell neoplasms
12809	-	12811	Basal cell neoplasms
12812	-	12813	Transitional cell papillomas and carcinomas
12814	-	12838	Adenomas and adenocarcinomas
12839	-	12843	Adnexal, skin appendage and mucoepidermoid neoplasms
12844	-	12849	Cystic, mucinous and serous neoplasms
12850	-	12855	Ductal, lobular, medullary, and acinar cell neoplasms
12856	-	12858	Complex epithelial neoplasms
12859	-	12867	Specialized gonadal neoplasms
12868	-	12871	Paragangliomas and glomus tumors
12872	-	12880	Naevi, melanomas, soft tissue tumors and sarcomas NOS
12881	-	12884	Fibromatous and myxomatous neoplasms
12885	-	12888	Lipomatous neoplasms
12889	-	12892	Myomatous neoplasms
12893	-	12899	Complex mixed and stromal neoplasms
12900	-	12903	Fibroepithelial neoplasms
12904	-	12905	Synovial and mesothelial neoplasms
12906	-	12909	Germ cell neoplasms
12910	-	12911	Trophoblastic neoplasms and mesonephromas
12912	-	12917	Blood vessel and lymphatic vessel tumours
12918	-	12920	Osteomas and osteosarcomas
12921	-	12924	Chondromatous neoplasms
12925	-	12926	Giant cell and miscellaneous bone tumours
12927	-	12934	Odontogenic tumours
12935	-	12937	Miscellaneous tumours
12938	-	12948	Gliomas
12949	-	12953	Neuropitheliomatous neoplasms and meningiomas
12954	-	12958	Nerve sheath and granular cell tumours and alveolar soft part sarcoma
12959	-	12963	Lymphomas, NOS or diffuse
12964	-		Reticulosarcomas
12965	-	12966	Hodgkin's disease
12969	-	12970	Lymphomas, nodular or follicular, and mycosis fungoides
12971	-	12972	Miscellaneous reticuloendothelial neoplasms
12973	-	12975	Plasma cell, mast cell, and Burkitt's tumours
12980	-	12994	Leukaemias
12995	-	12997	Miscellaneous myeloproliferative and lymphoproliferative disorders

\* NOTE: NOS stands for not otherwise specified.